

REMARKS

Amendments to the Specification

Applicants have provided a substitute specification, as required. The substitute specification is identical to the specification as originally filed.

Applicants have amended the specification to insert a cross-reference to related applications.

None of these amendments adds new matter. Their entry is requested.

The Response to the Notice to File Missing Parts

The Notice states that the statutory basic filing fee is missing and states that applicants must submit \$770 to complete the basic filing fee. Applicants enclose a check for \$2,126 in payment of the filing fee.*

The Notice also states that a late filing fee surcharge set forth under 37 C.F.R. § 1.16(e) for a non-small entity must be submitted. Accordingly, applicants enclose a check in the amount of \$130.00 in payment of the surcharge.

The Notice also states that the application fails to comply with the requirements of 37 C.F.R. §§ 1.821 – 1.825. Specifically, the Notice indicates that applicants must provide an initial computer readable form (CRF) copy of the Sequence

* This amount includes \$352 for 4 independent claims over 3, \$684 for 38 total claims over 20, and \$300 for the first presentation of a multiple dependent claim.

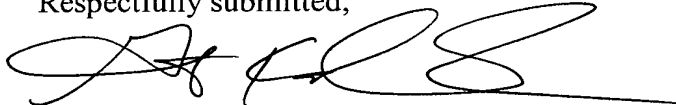
Listing, an initial paper or compact disc copy of the Sequence Listing and an amendment directing its entry into the application, and a statement that the content of the CRF copy of the Sequence Listing is identical to the paper copy and includes no new matter.

As described above, applicants have enclosed an initial paper copy of the Sequence Listing. Applicants also submit an initial CRF copy of the Sequence Listing and the required statements.

Conclusion

In view of the above, applicants request that the Examiner examine the pending claims in this application.

Respectfully submitted,



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